

Amendments to the Claims

1. (Canceled)
2. (Canceled)
3. (Canceled)
4. (Canceled)
5. (Currently amended) The device of Claim ~~4~~19, wherein the switching means comprises ~~an a mechanical~~ actuator for driving a contact element of the switching means to close or open the switching means.
6. (Currently amended) The device of Claim ~~4~~19, wherein the switching means and at least the first variable capacitor respectively comprises ~~an a mechanical~~ actuating mechanism based on at least one of an electrostatic, piezoelectric, thermal, magnetic and bi-metallic actuator functionality.
7. (Canceled)
8. (Canceled)
9. (Currently amended) The device of Claim ~~2~~19, wherein the plurality of digitally controllable switching means ~~at least one control path~~ is connectable to one at least of an (E)EPROM, an ASIC and a FPGA.
10. (Currently amended) The device of Claim ~~2~~19, wherein the ~~at least one control path for controlling at least the first variable capacitor~~ is adapted to ~~be controllable control the first variable capacitor~~ via an analogue control signal.
11. (Previously presented) The device of Claim 10, wherein the analogue control signal is derived from a digital to analogue converter.

12. (Currently amended) The device of Claim ~~1-19~~, wherein at least the first variable capacitor comprises an actuator for driving a movable element of said variable capacitor to vary the effective area thereof.

13. (Currently amended) The device of Claim 12, wherein at least the first variable capacitor comprises an actuator for driving a movable element of said variable capacitor to vary the effective area thereof by changing the distance between at least two plates.

14. (Currently amended) The device of Claim 12, wherein at least the first variable capacitor comprises an actuator for driving a movable element of said variable capacitor to vary the effective area thereof by the degree of engagement of fingers of a comblike structure.

15. (Canceled)

16. (Canceled)

17. (Currently amended) The device of Claim ~~15-19~~, wherein the capacitance of the variable capacitor is controlled using an analogue control signal and the ~~switches switching means~~ are controlled using a digital control signal.

18. (Canceled)

19. (New) A device for high-frequency and/or radio-frequency tuning comprising a single IC-package having an rf input port and an rf output port with a signal path therebetween, said package containing:

a first variable capacitor connected in the signal path between the input and output ports, having its first electrode connected to the input port and its second electrode connected to the output port, the first variable capacitor being controllable via a control path isolated from the signal path;

a plurality of second fixed capacitors; and

a plurality of digitally controllable switching means for individually connecting and disconnecting said second fixed capacitors into or from the signal path, in parallel to and across the first variable capacitor, the second fixed capacitors being arranged in a logarithmic scale, and the first variable capacitor matching the lowest range of the logarithmic scale; and

the first and second capacitors and switching means being fabricated as a single integrated MEMS technology arrangement.